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MINERALS PROGRAM
FILE COPY

April 22, 1993

TO: Minerals File

FROM: Holland Shepherd, Senior Reclamation Specialist *HS*

RE: Meeting With Utah Mining Association Representatives and Waste Water Treatment Operators, Land Application of Sewage Sludge

Date of Meeting: April 22, 1993
Time of Meeting: 12:00 to 2:30 pm
Participants: Bob Bayer, JBR; Bob Probst, EPA; Don Deines, Steve Lacki, **Kennecott**; Greg Hawkins, Brush Wellman; Glen Eurick, Barrick Mercur; Paul Crowth, DWQ; Reed Fischer, Ron Roberts, Central Valley Waste Water Treatment Facility (WWTF); John Adams, Salt Lake City WWTF; Holland Shepherd, DOGM; numerous other WWTF operators

I wanted to write a brief summary of my recent involvement at the Utah Water Pollution Control Association Meeting, in Park City. I attended one of the sludge workshops and then went to a luncheon meeting with some of the WWTF operators and mine operators.

The purpose of the luncheon meeting was to discuss the permitting hurdles involved in implementing a mined land application of sewage sludge program in Utah. The meeting was informal and was organized by Bob Bayer, representing the Utah Mining Association and Paul Crowth, representing the Division of Water Quality. It was arranged to facilitate a meeting between WWTF operators and mine operators interested in using sludge for land application. Bob Probst, with EPA was asked to attend the meeting, since he was the most knowledgeable concerning the new sludge disposal rules, recently published by the EPA (Feb. 93).

The application of sewage sludge on mined lands offers a win-win scenario for WWTFs, mine operations, municipal landfills and regulatory agencies.



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Kennecott Meeting
March 1, 1993

vegetation, that metals become tied up within the plant-soil matrix, so sludge application actually helps to mitigate a metals problem. One problem to consider would be the short term release of nitrates, during the time of initial application and prior to plant establishment.

The next meeting has not yet been scheduled.

jb
cc: Lowell Braxton
Priscilla Burton
Wayne Hedberg
Henry Sauer

sludge.mem